

Figure 1

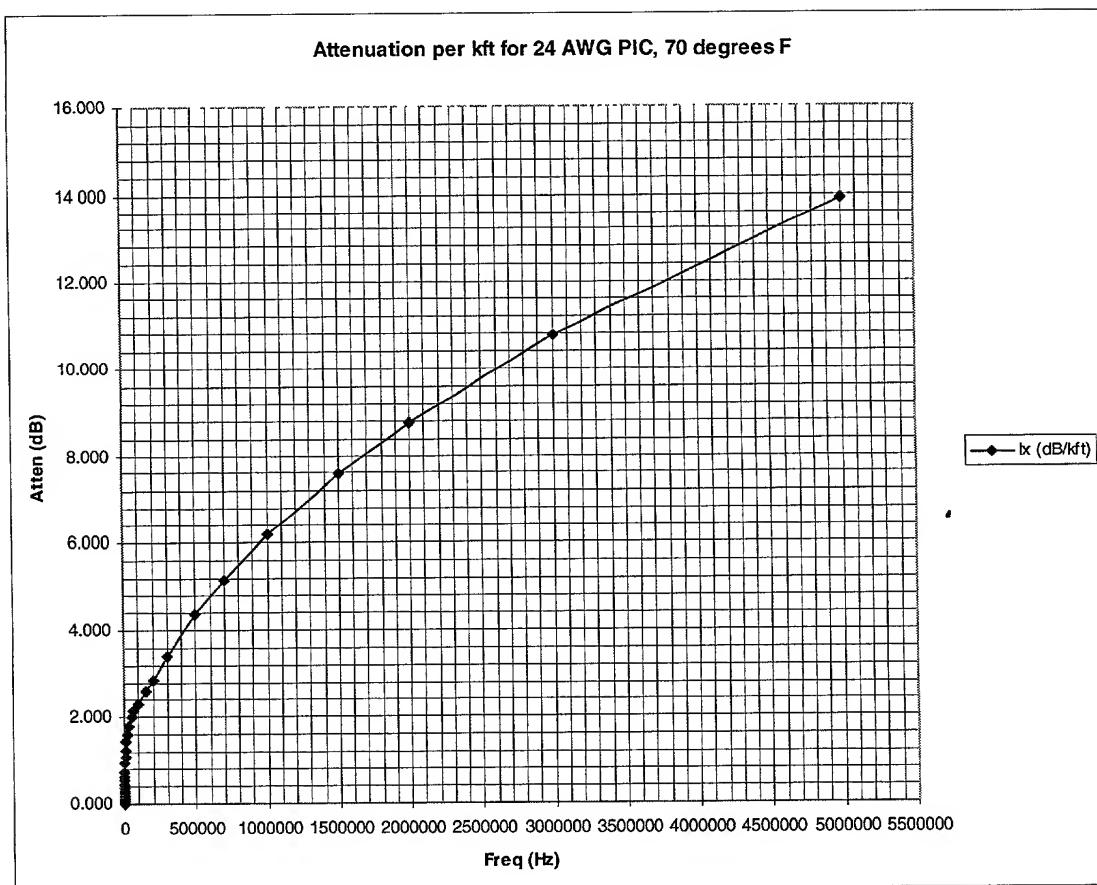


Figure 2: Loop Loss per kft, as a function of frequency

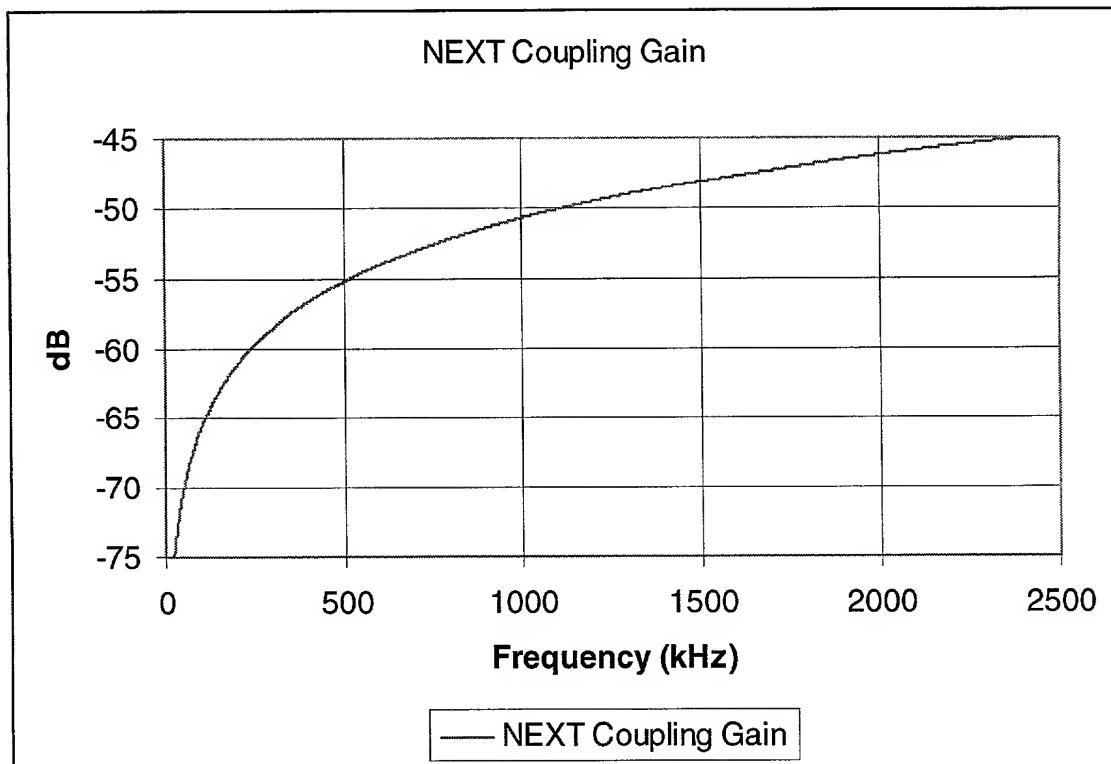


Figure 3 Near End Crosstalk (NEXT) Coupling Gain

Frequency Band Plans w/20kHz Lower corner

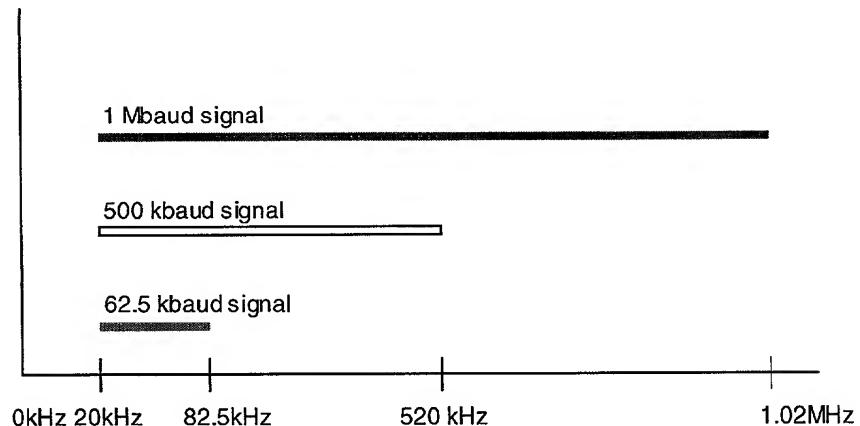


Figure 4 – Example Bandplans with 20kHz lower corner frequency

Frequency Band Plans w/200kHz Lower corner

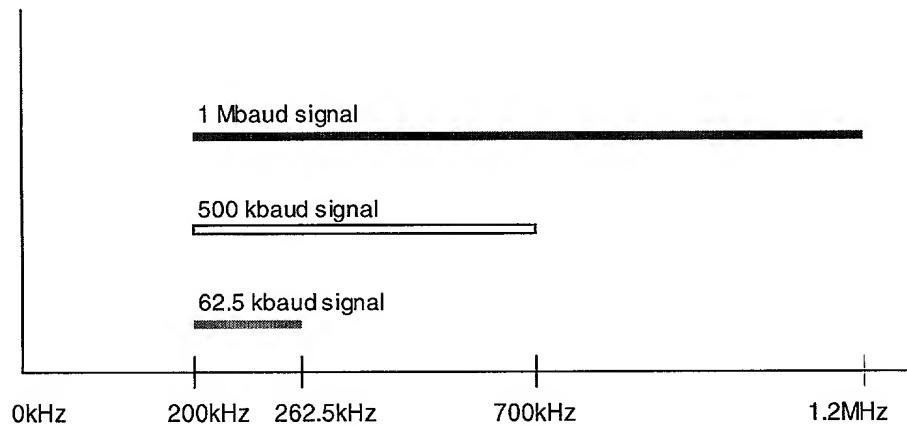


Figure 5 – Example Band Plans with 200kHz lower corner frequency

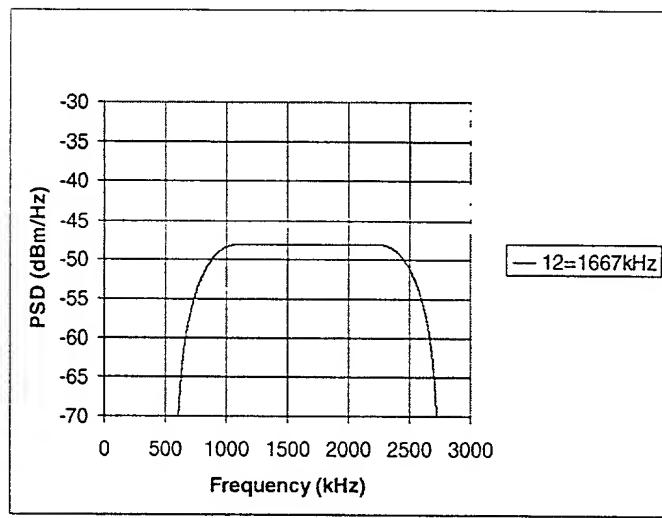


Figure 6

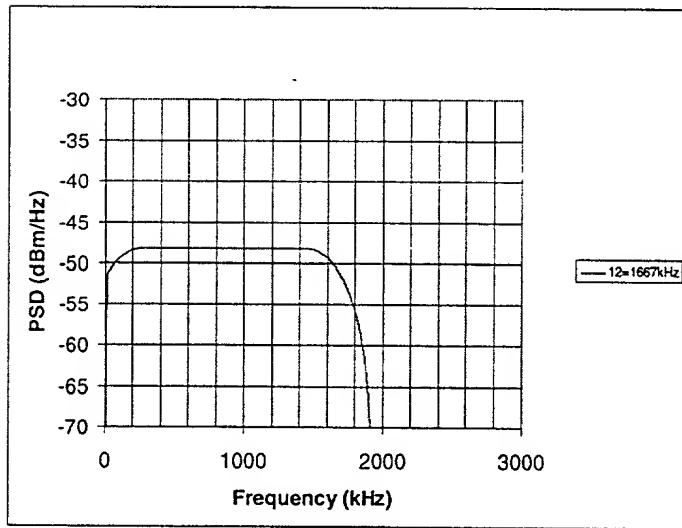


Figure 7

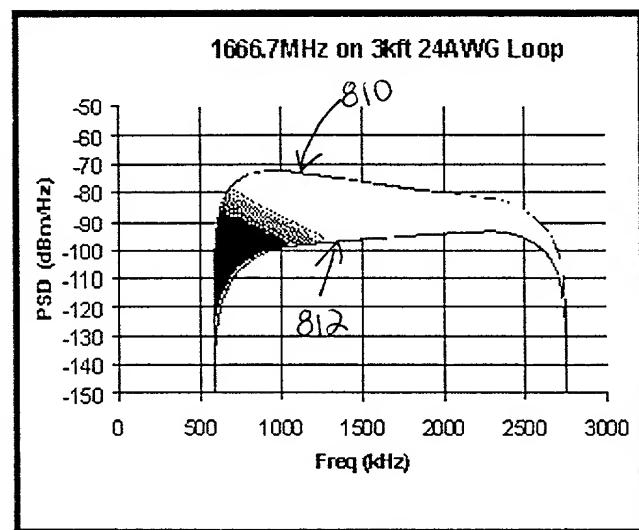


Figure 8

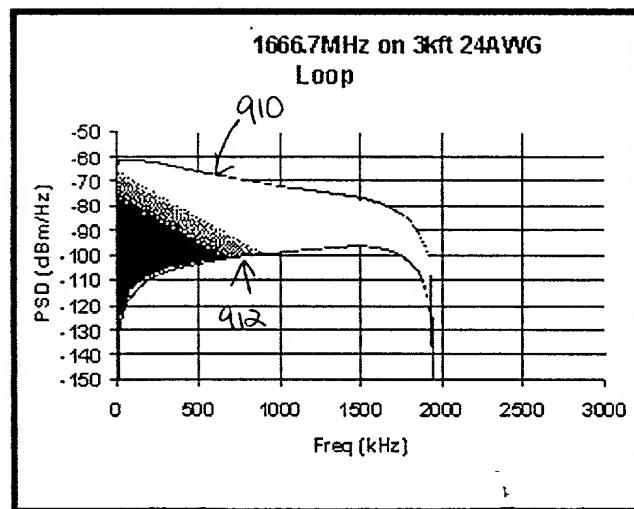


Figure 9

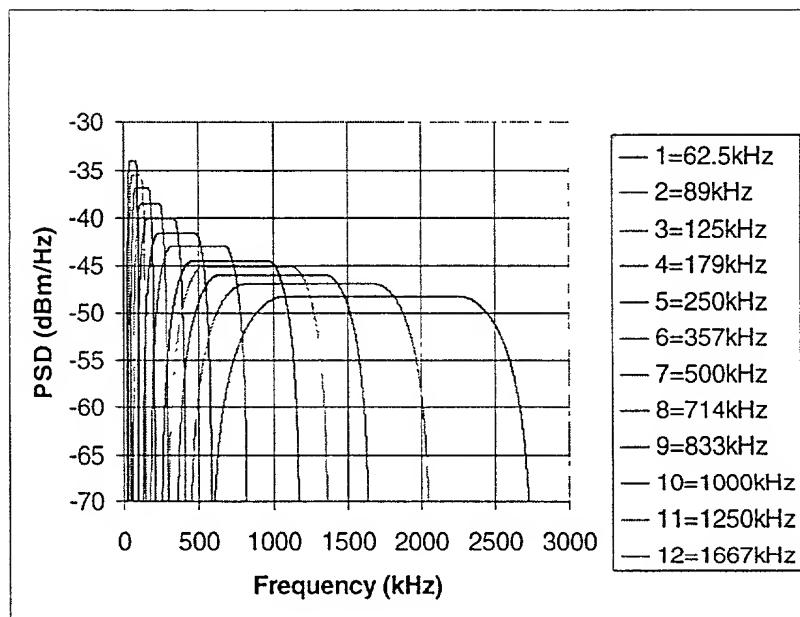


Figure 10

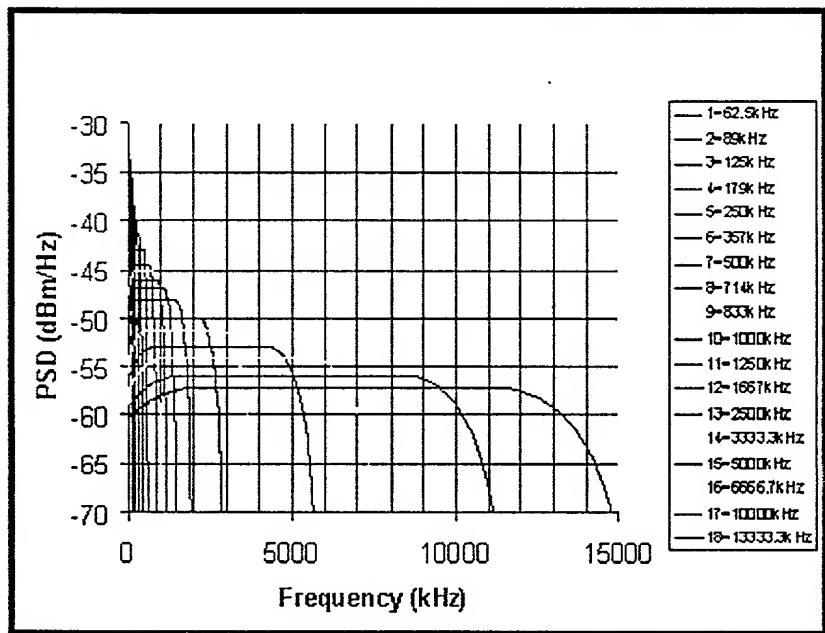


Figure 11

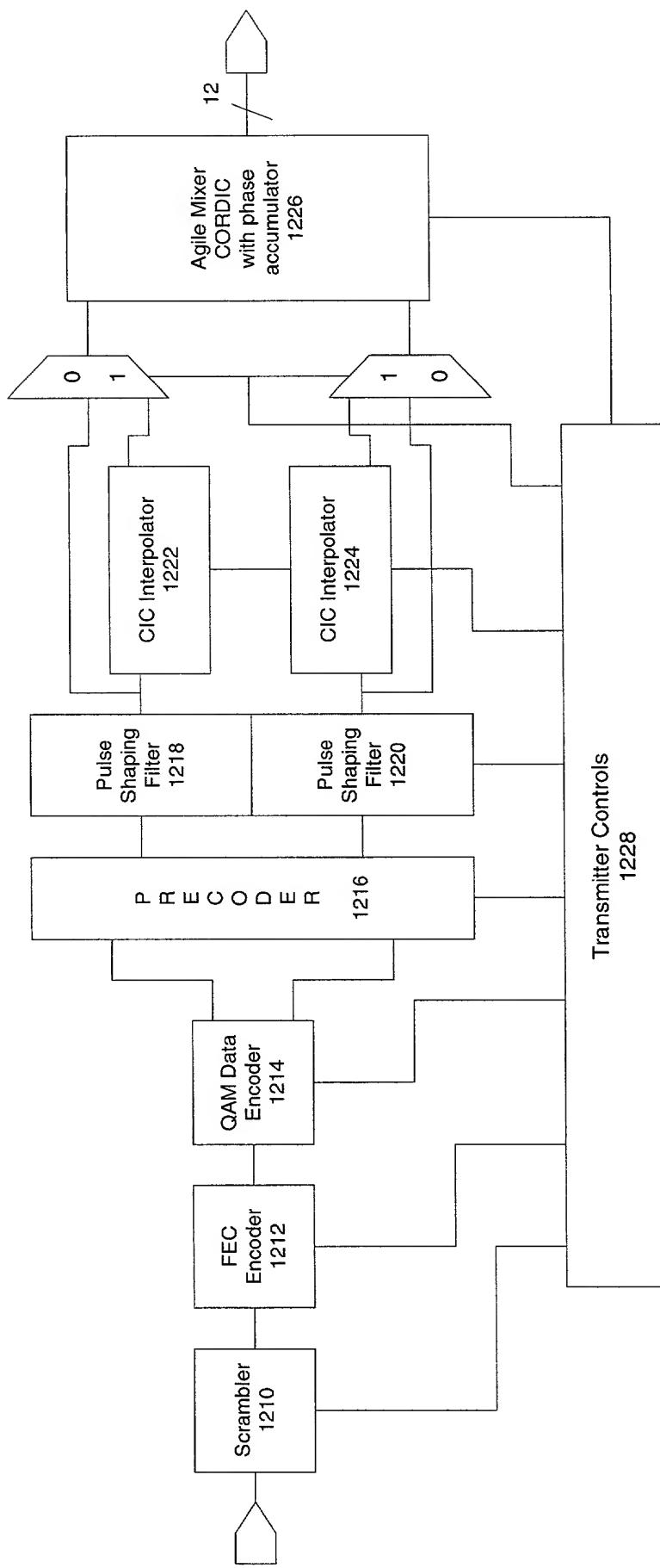


Figure 12

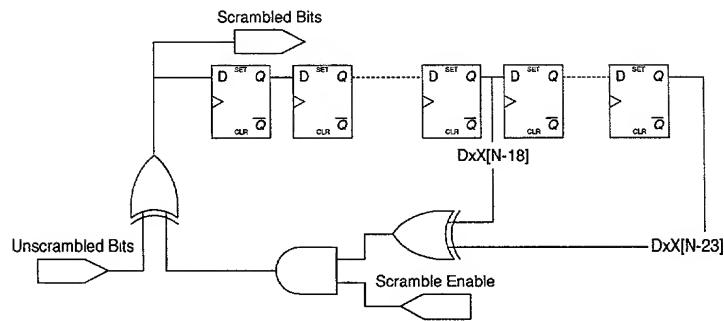


Figure 13

$D7_k$	$D6_k$	I_{k-1}	Q_{k-1}	I_k	Q_k
0	0	0	0	0	0
0	0	0	1	0	1
0	0	1	0	1	0
0	0	1	1	1	1
0	1	0	0	1	0
0	1	0	1	0	0
0	1	1	0	1	1
0	1	1	1	0	1
1	0	0	0	0	1
1	0	0	1	1	1
1	0	1	0	0	0
1	0	1	1	1	0
1	1	0	0	1	1
1	1	1	0	0	1
1	1	1	1	0	0

Figure 14

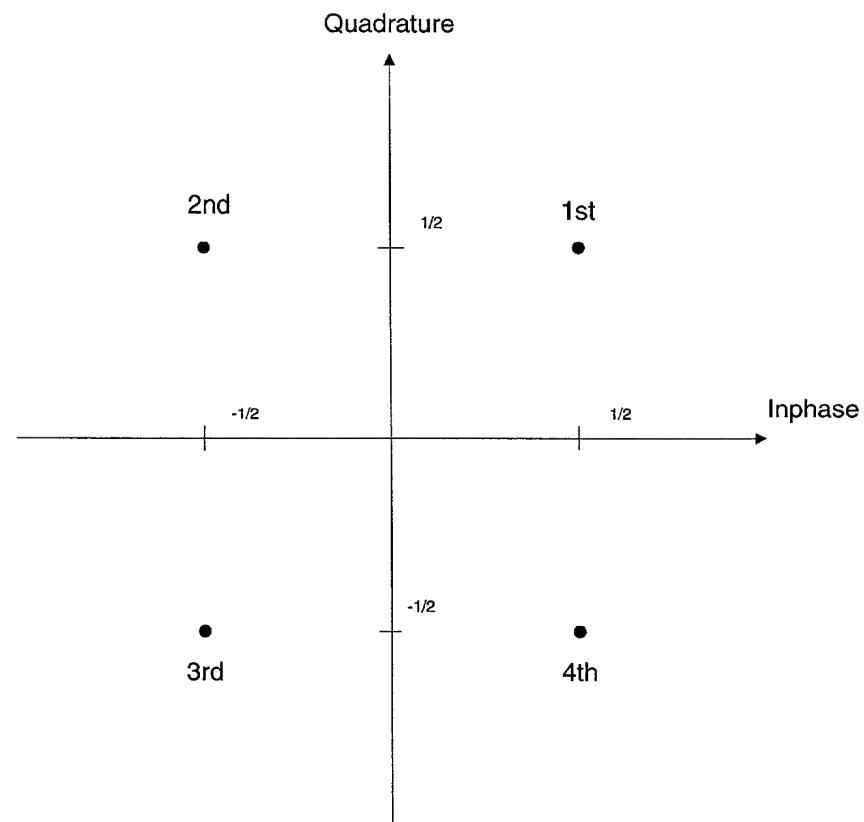


Figure 15

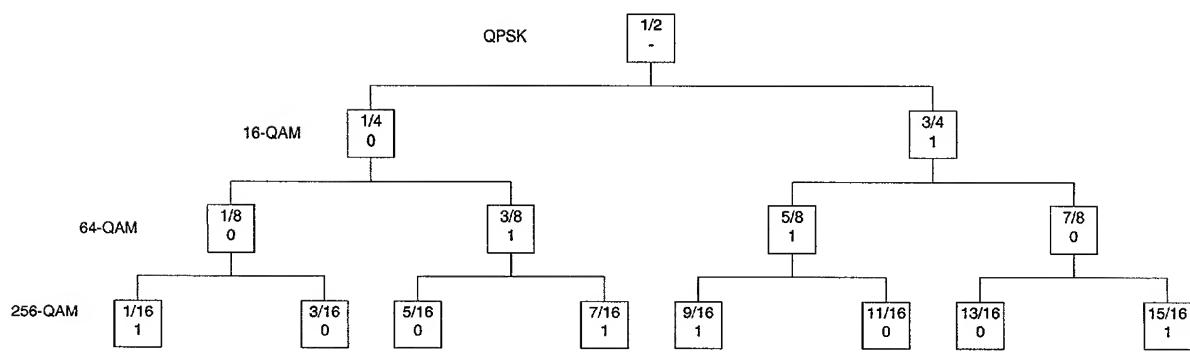


Figure 16

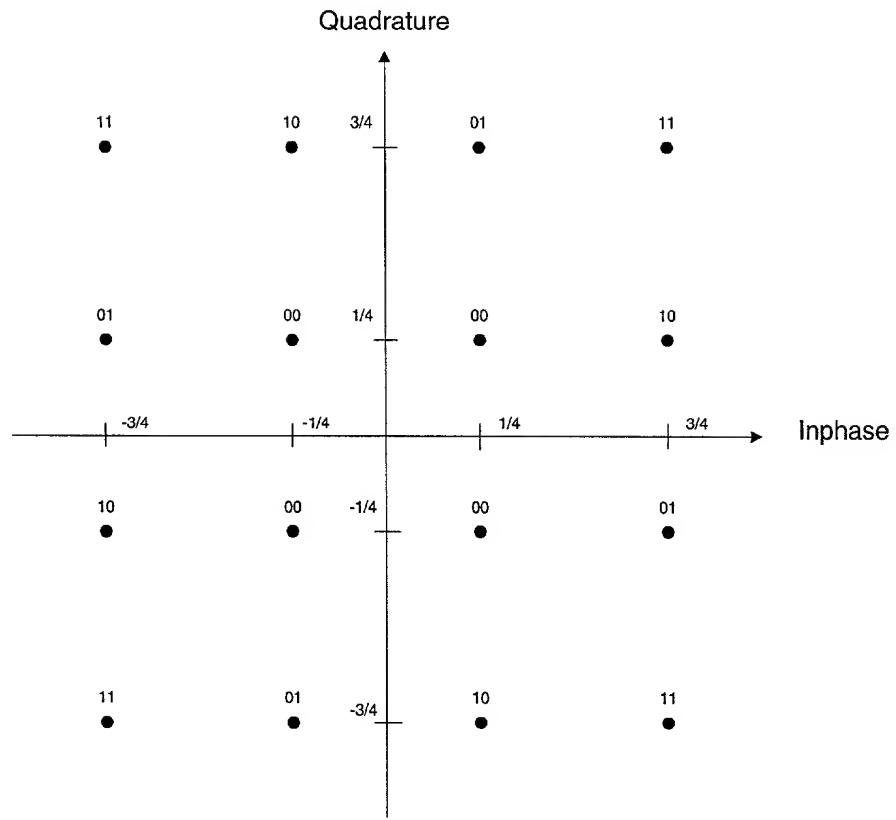


Figure 17

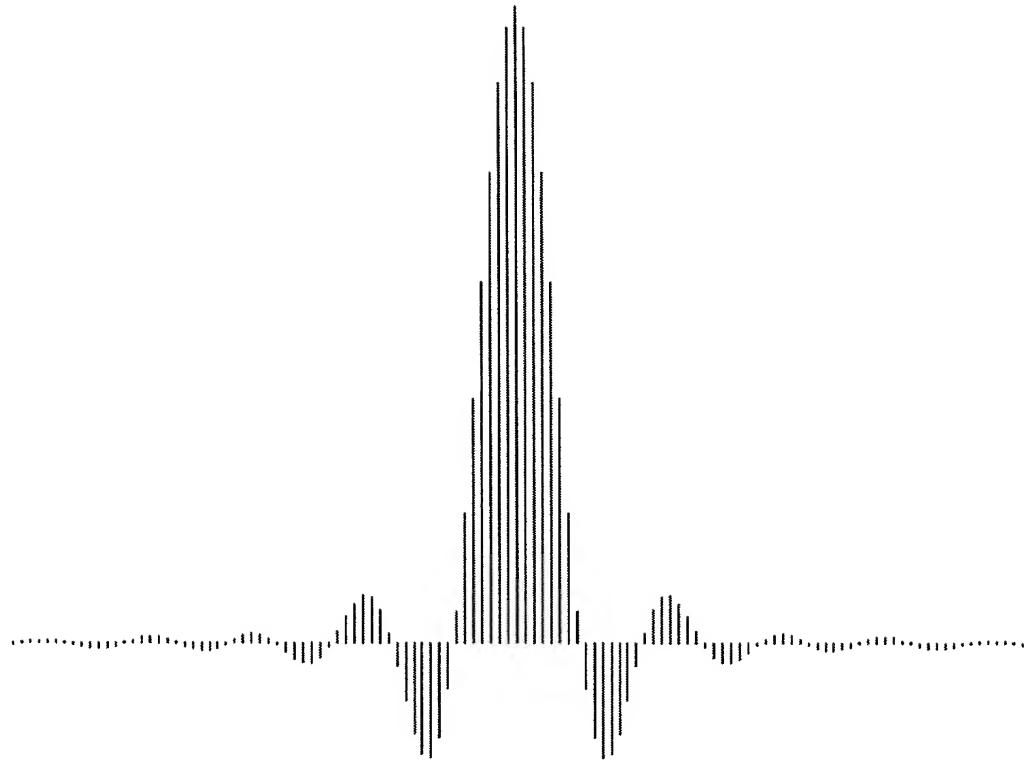


Figure 18

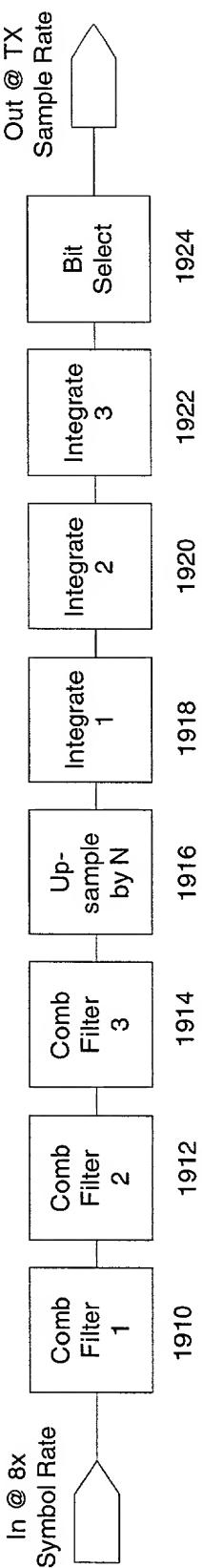


Figure 19

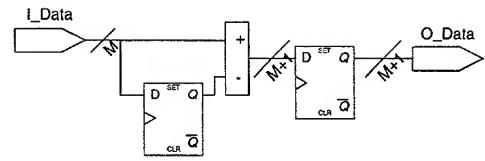


Figure 20

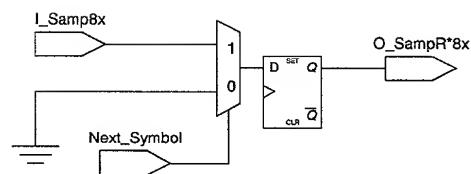


Figure 21

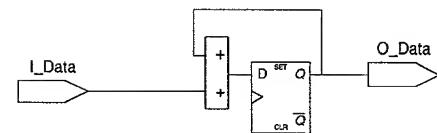


Figure 22

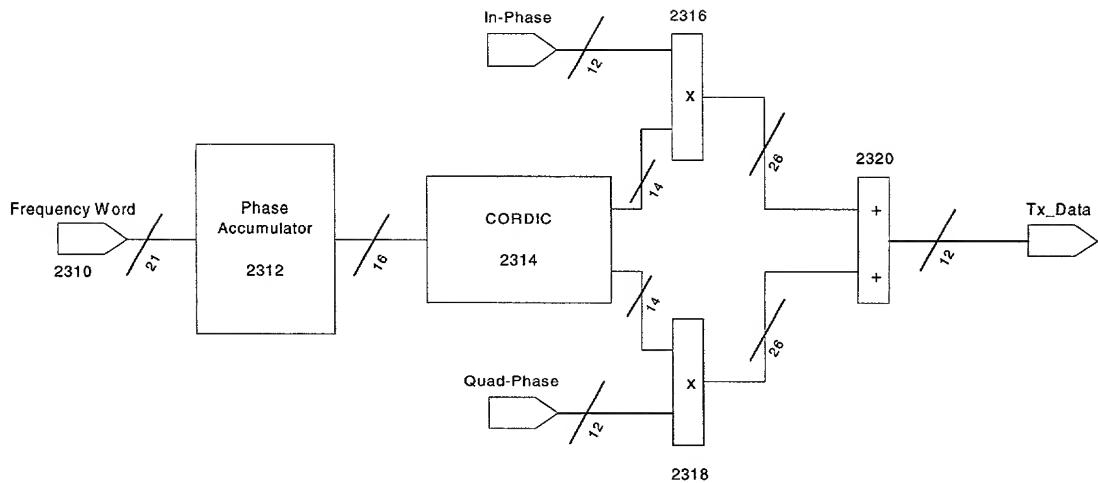


Figure 23

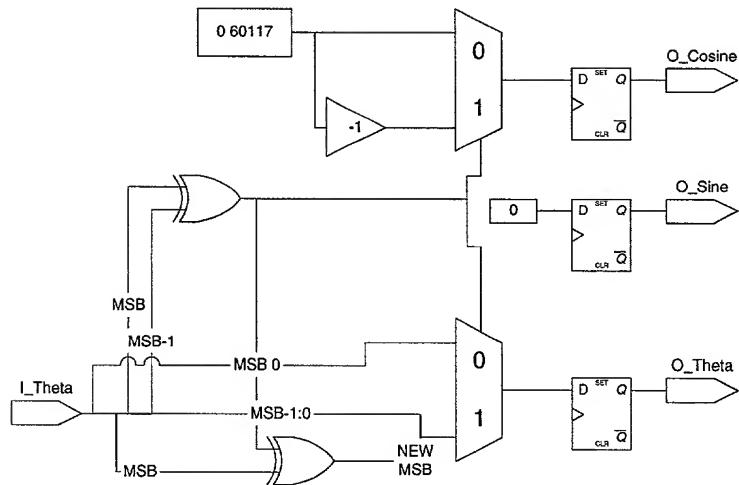


Figure 24

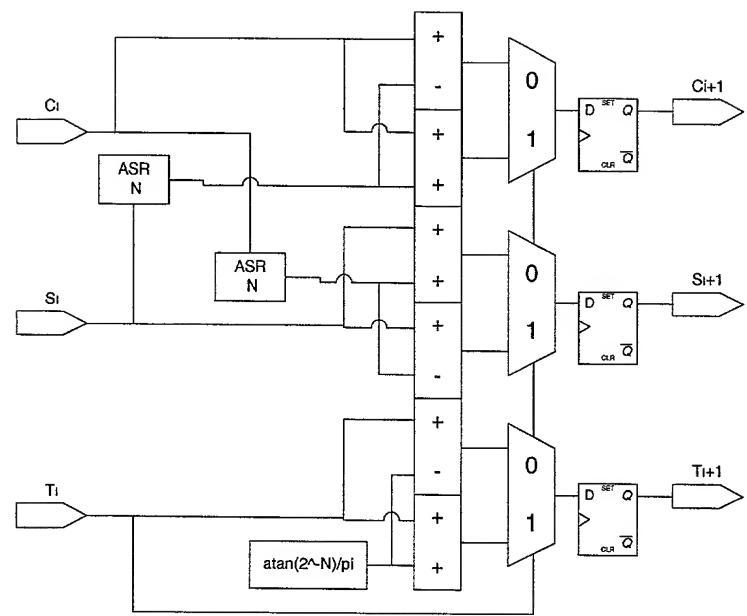


Figure 25

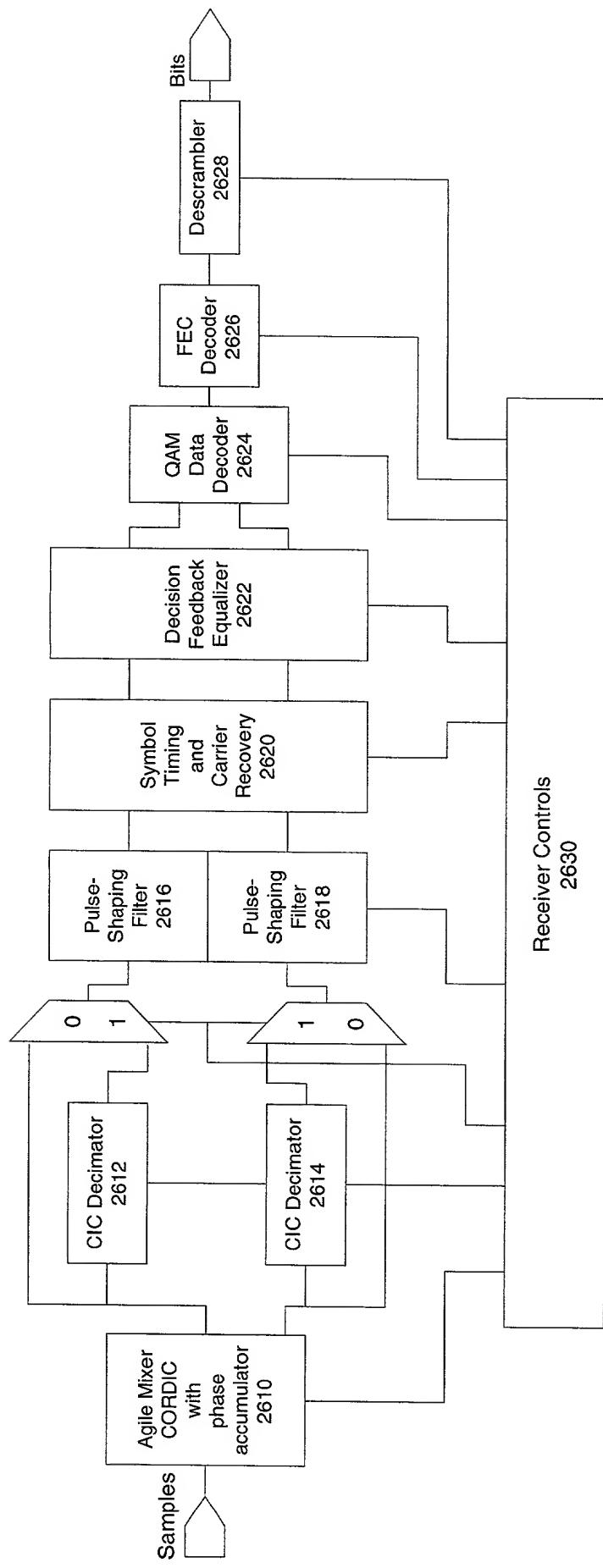


Figure 26

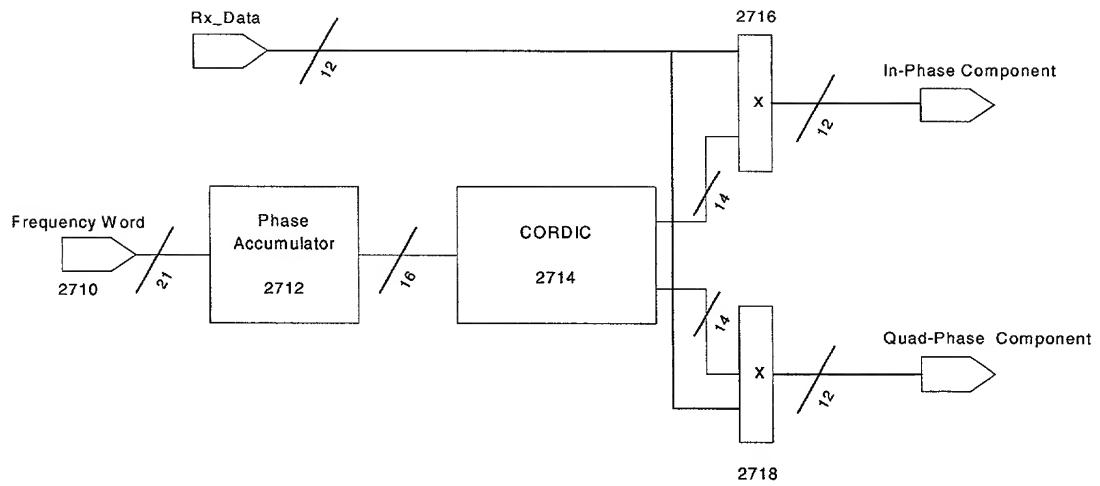


Figure 27

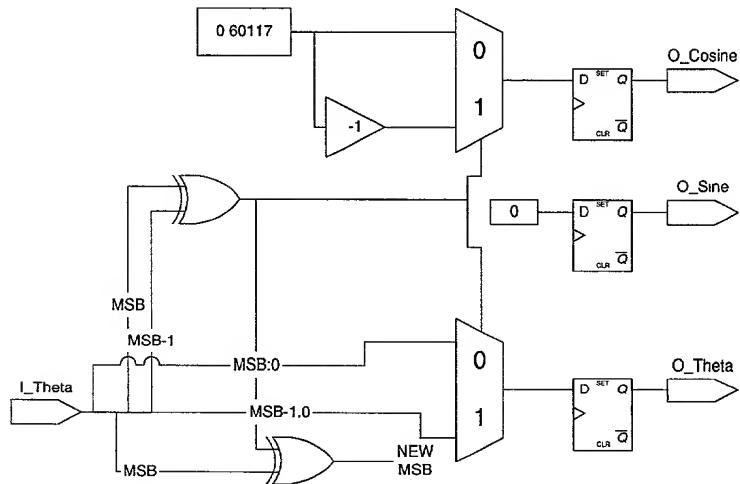


Figure 28

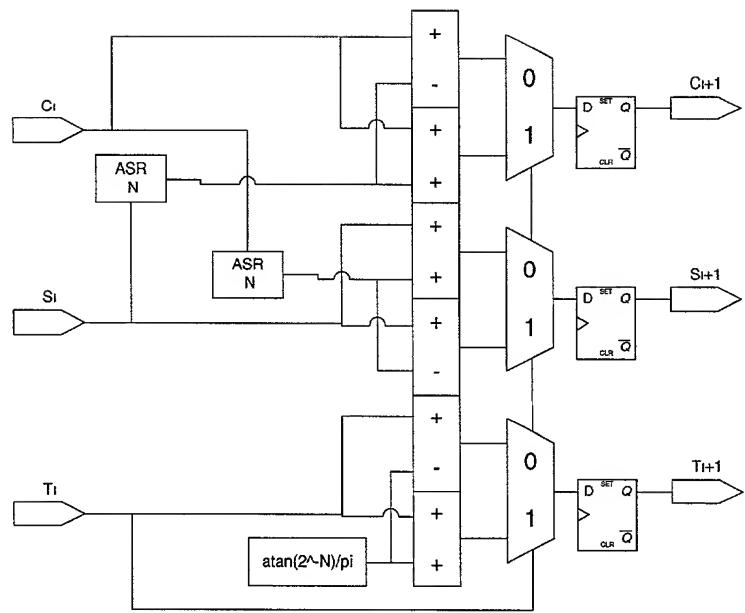


Figure 29

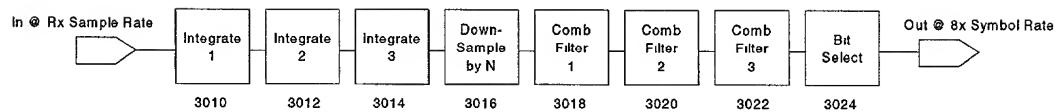


Figure 30

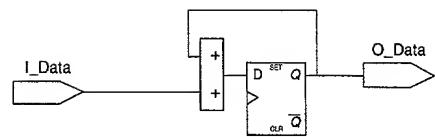


Figure 31

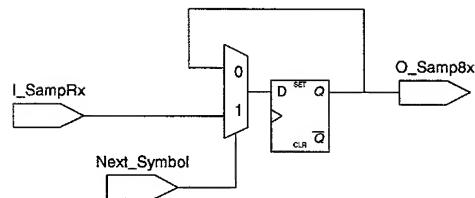


Figure 32

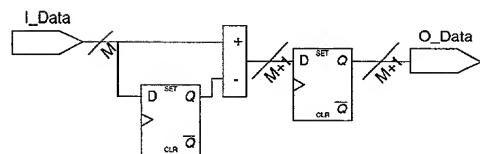


Figure 33

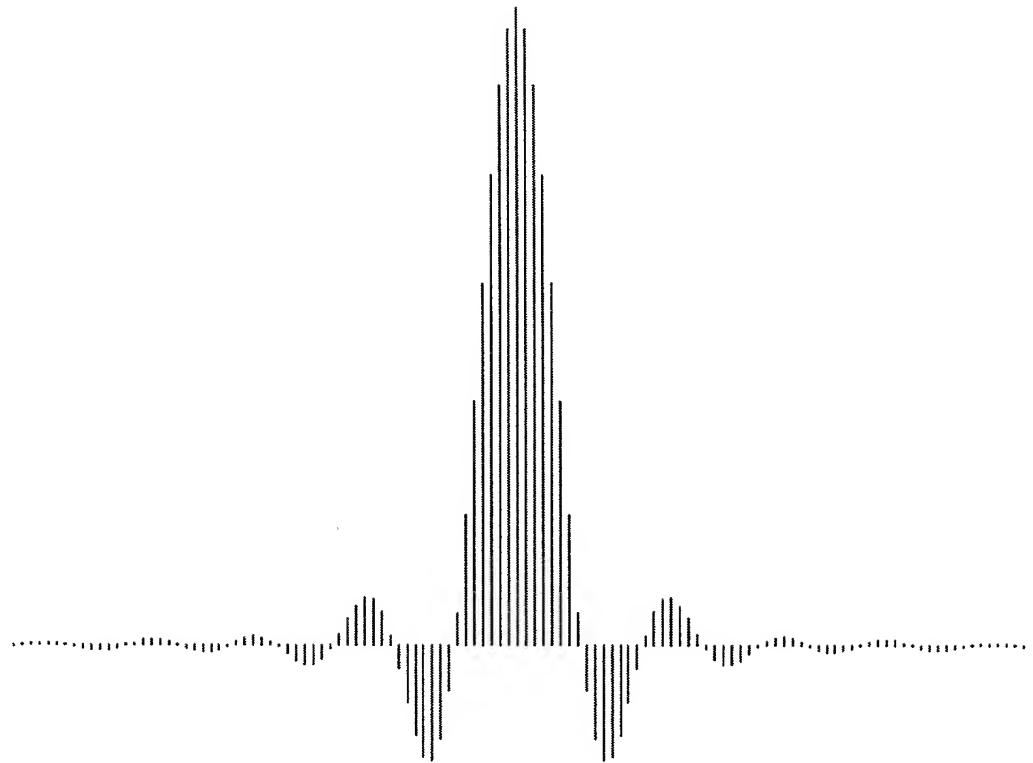


Figure 34

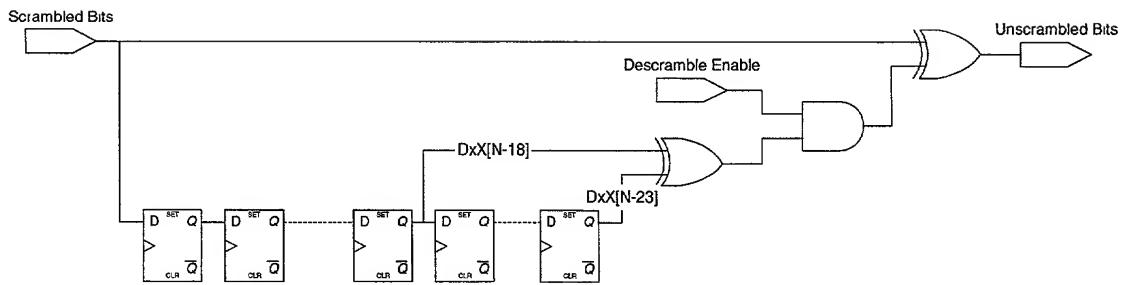


Figure 35

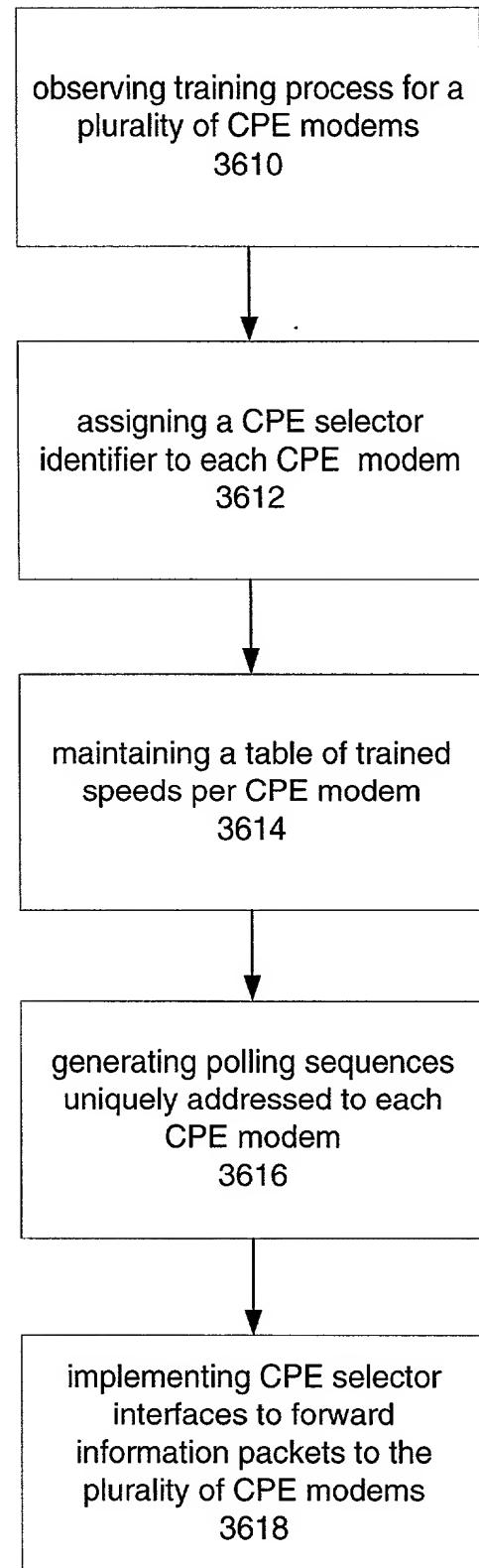


Figure 36

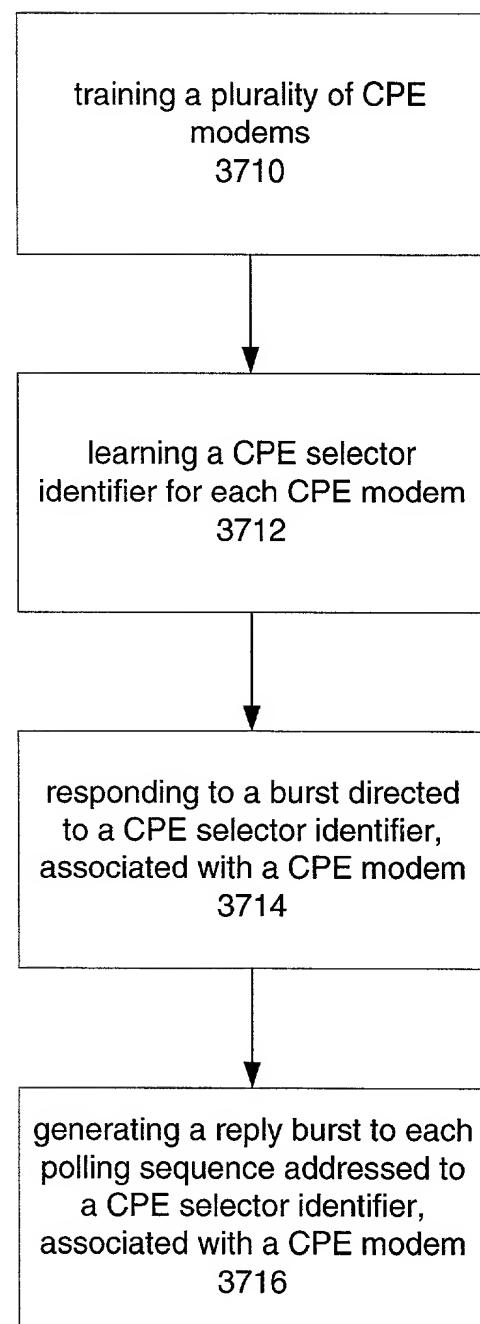


Figure 37

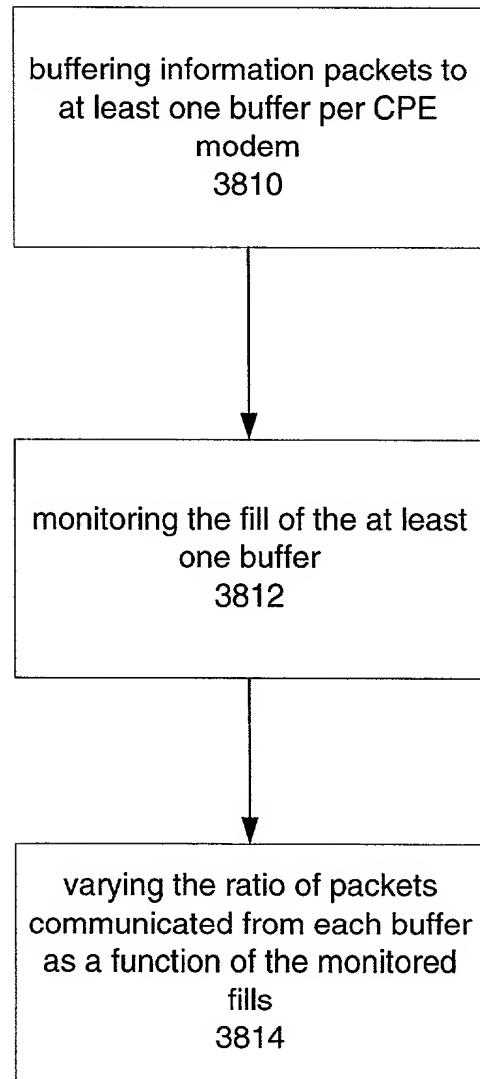


Figure 38